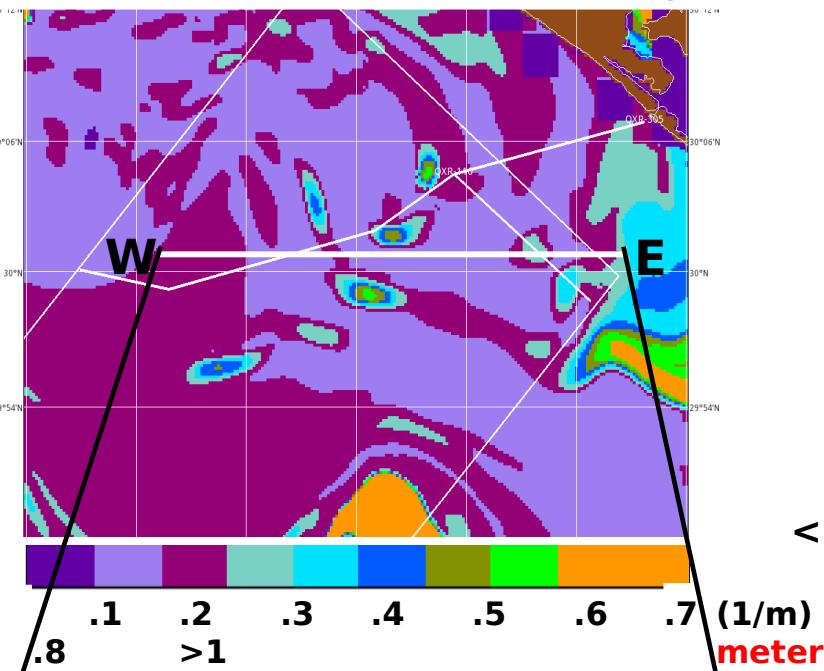


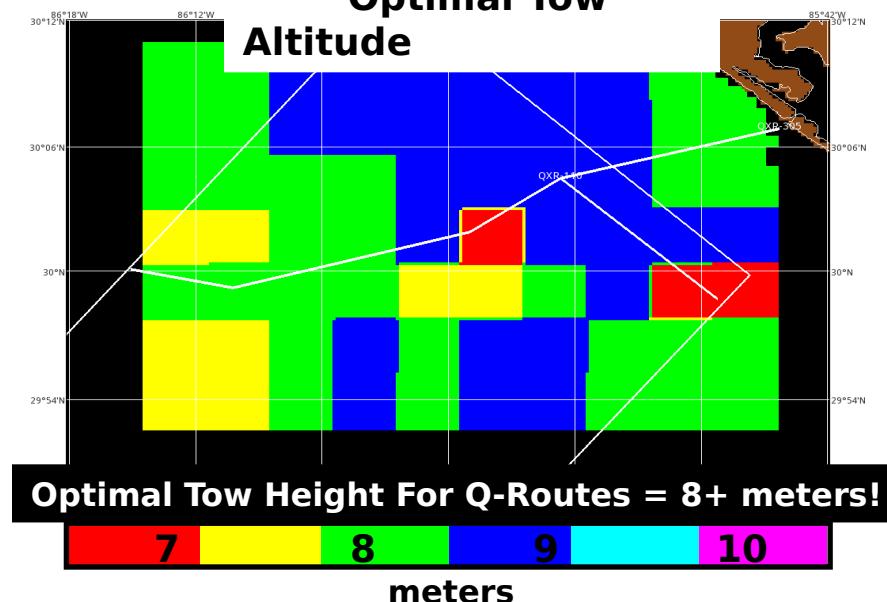


Forecast AQS-24 Support for HAWKEX Valid October 10, 2013

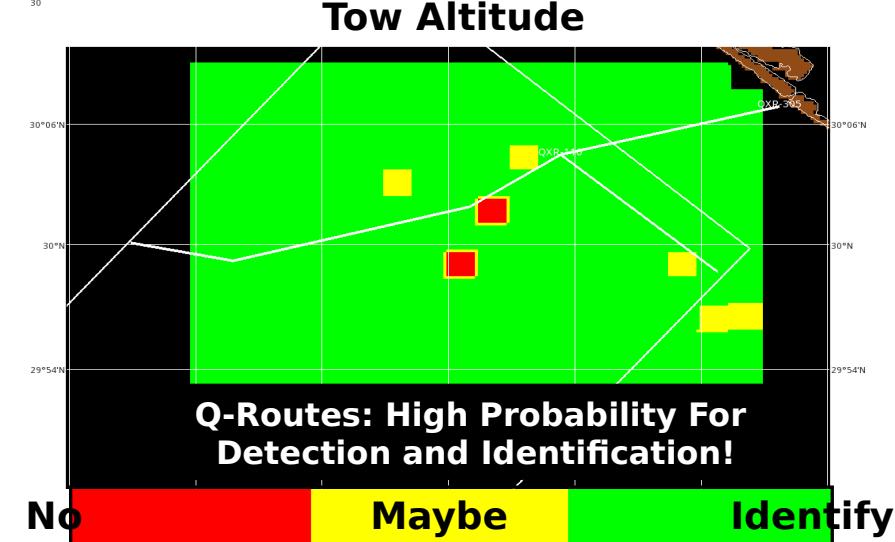
Surface Beam-c / Diver Visibility



Optimal Tow Altitude



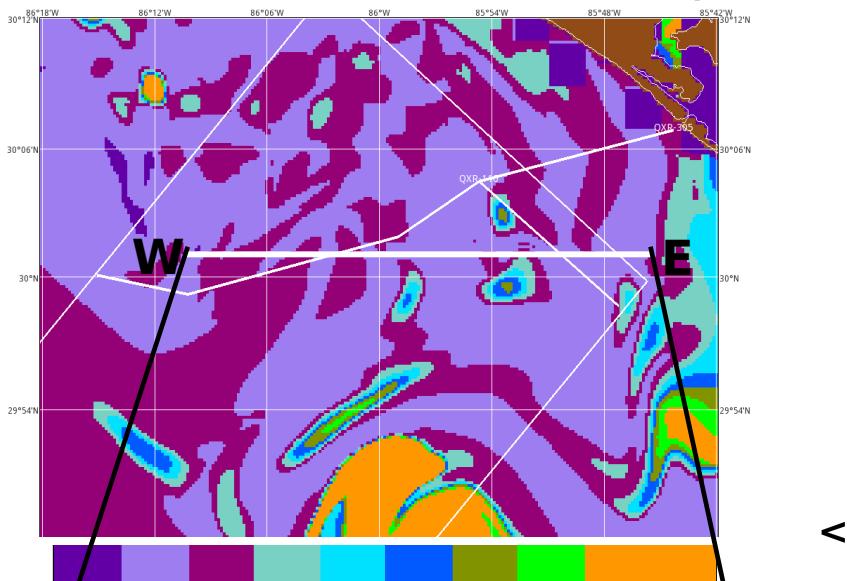
**Target Identification @ 7m/23.0ft
Tow Altitude**





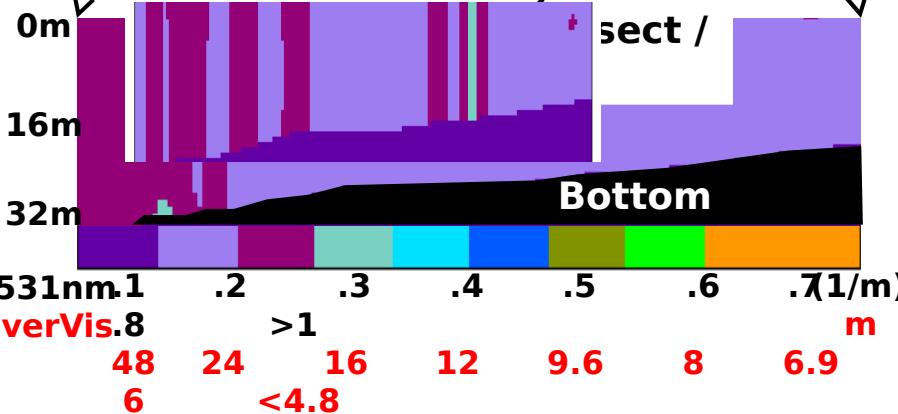
Forecast AQS-24 Support for HAWKEX Valid October 11, 2013

Surface Beam-c / Diver Visibility

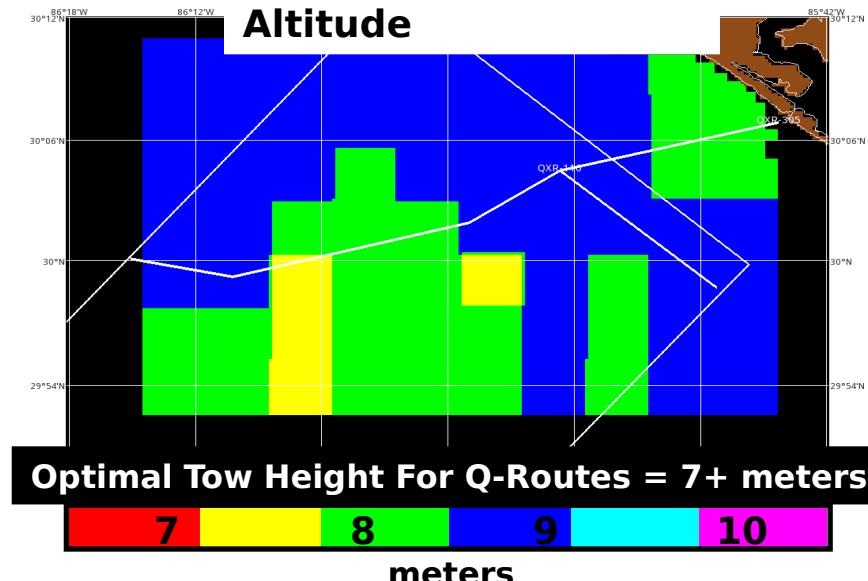


c 531n .8 .1 .2 .3 .4 .5 .6 .7 (1/m)
m 48 24 16 12 9.6 8 6.9
Diver Vis 6 <4.8

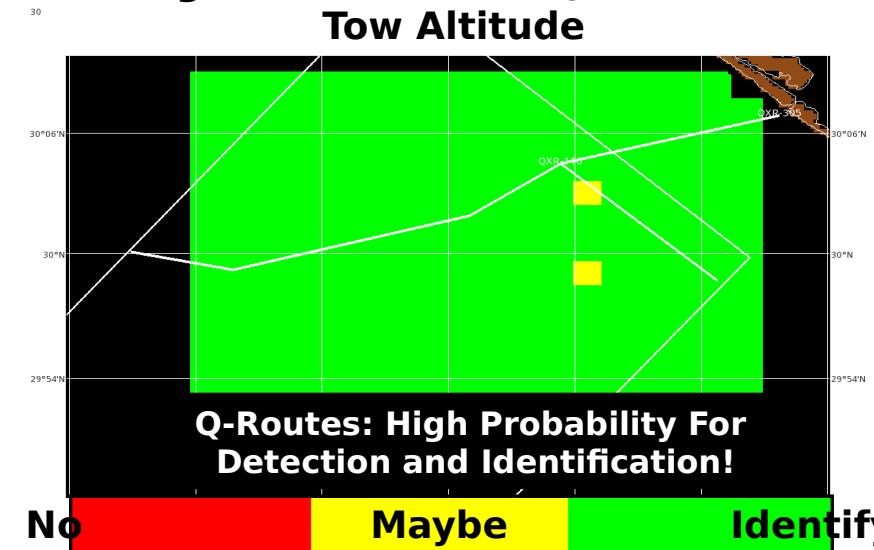
3D Beam-c / Diver Visibility



Optimal Tow Altitude



Target Identification @ 7m/23.0ft Tow Altitude

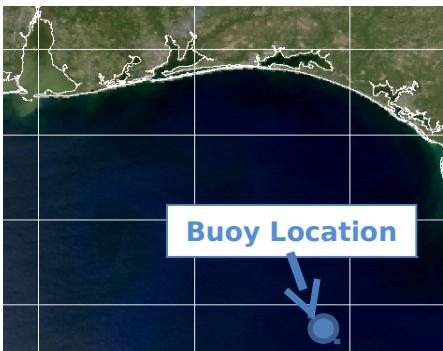




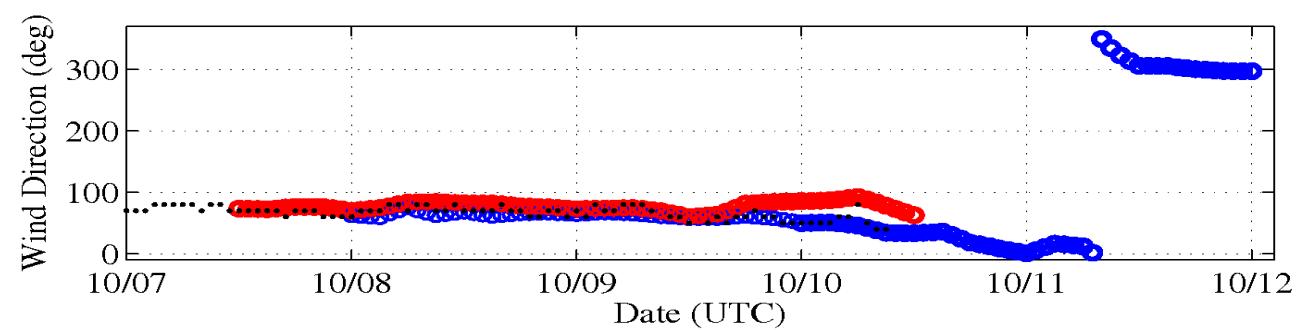
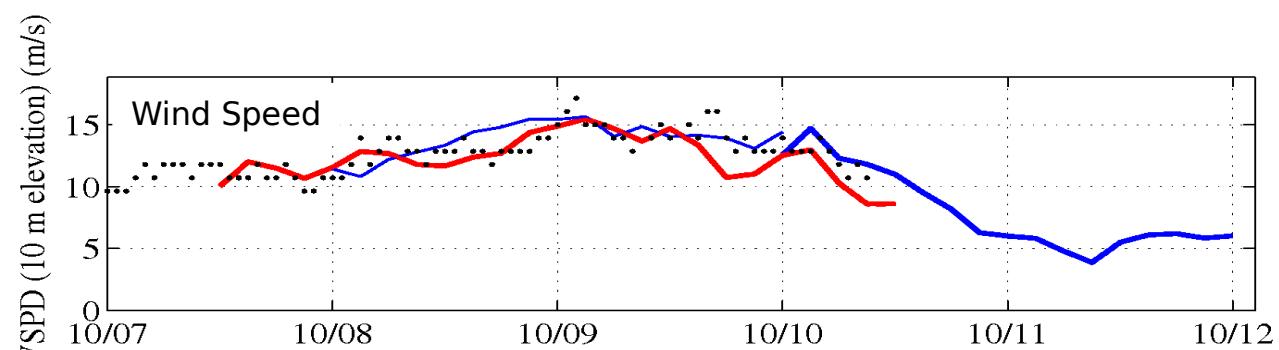
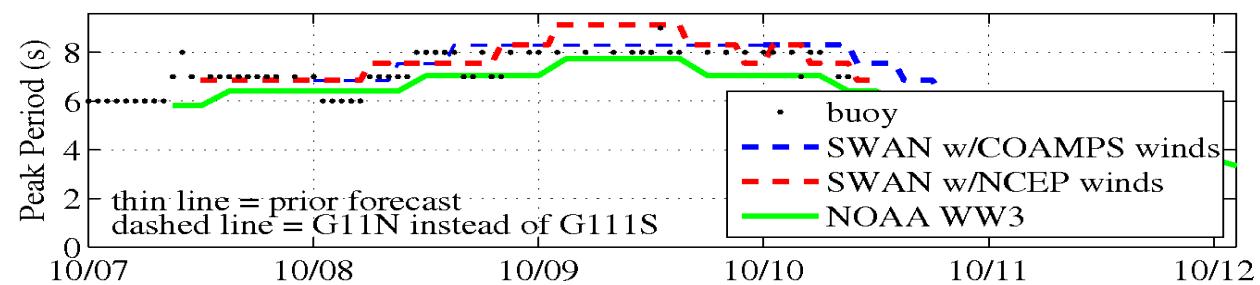
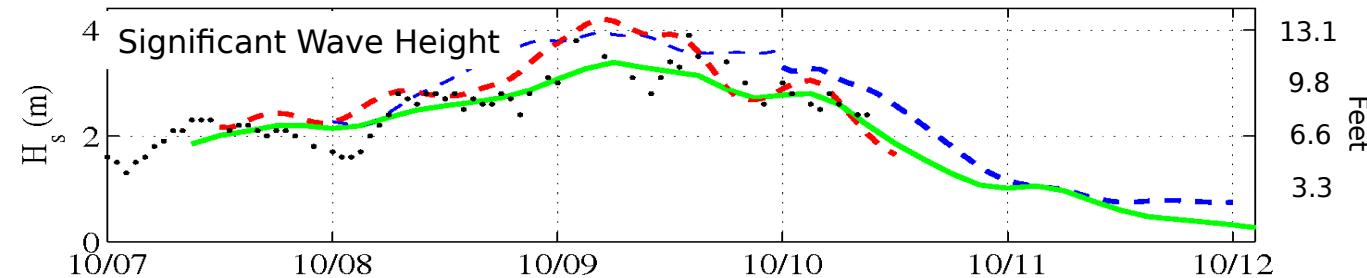
NRL SWAN MODEL Wave & Wind Nowcast/Forecast

Forcing with
COAMPS & NCEP
Winds

Buoy (Black Dots)



Model.vs.NDBC.42039

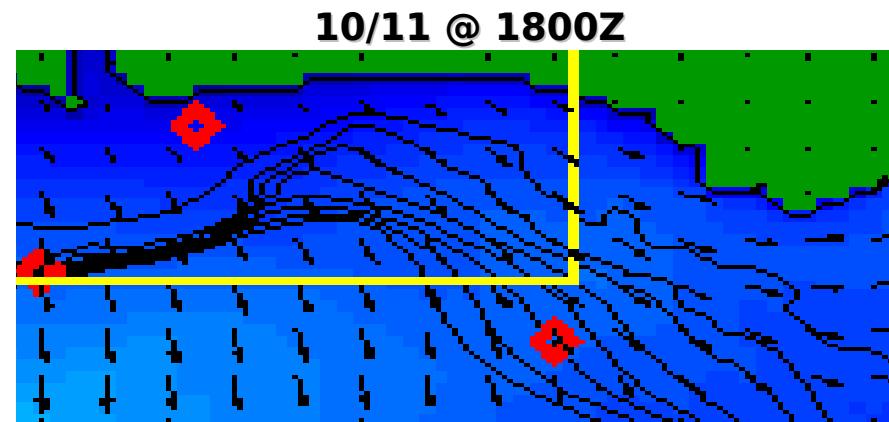
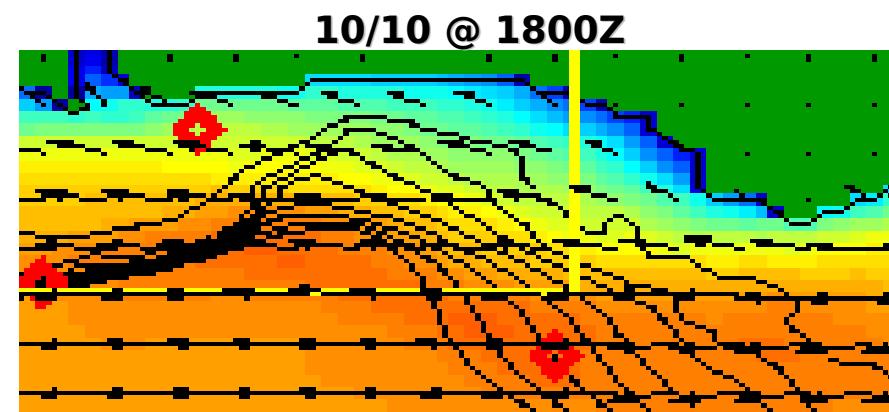
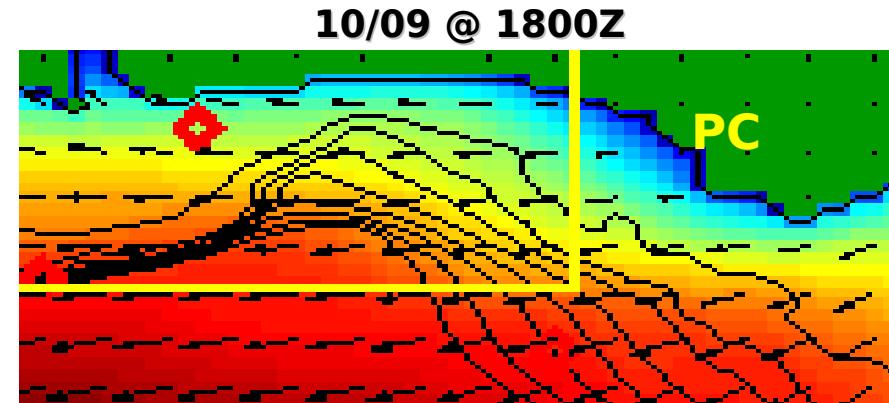
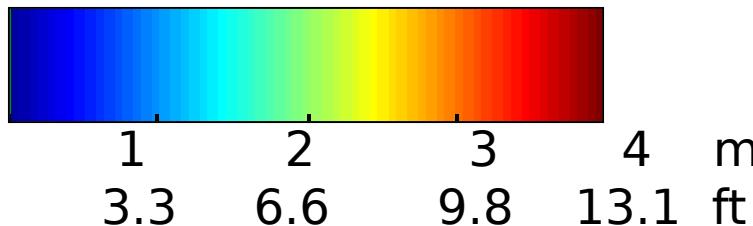




SWAN MODEL Significant Wave Heights Nowcast/Forecast

Forcing with
NCEP
Winds

Current Velocities &
Direction (->)



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Feedback Very Important!

**Positive or Negative
How are products being used?
Changes/Needs/Suggestions**